

**INCIDENT
IDENTIFICATION
NUMBER**

I009650

I009650
-001

EFED Rec'd 12/2/99

New York State Department of Environmental Conservation
Division of Fish, Wildlife and Marine Resources
Wildlife Pathology Unit
108 Game Farm Road, Delmar, NY 12054



John P. Cahill
Commissioner

* Personal Privacy Information has been removed*

M E M O R A N D U M

TO: ECO Robert Hodor
FROM: Ward Stone, Wildlife Pathologist
SUBJECT: Canada Geese (2) - Case #99-28-32A&B and Bread, Corn, and Blue Pellets - Case #99-28-33
DATE: November 30, 1999

The following is a summary of history and findings for this case. We briefly discussed this case on the telephone.

History: These Canada geese were found dead on July 10, 1999 at a pond behind the residence of [REDACTED] Wappingers (Dutchess County), New York. The bird's carcasses were collected on July 13, 1999 and received by the Wildlife Pathology Unit the same day. The bread, corn, and turquoise-blue pellets were found nearby on July 13, 1999.

Findings:

99-28-32A: An adult, male Canada goose, gross weight 4097 grams, that had undergone autolysis, fly larvae had invaded the carcass. Bloody fluid was present in the lungs. The gizzard contained grit, grass and cracked corn. No signs of traumatic injury, infectious, or parasitic diseases as the cause of mortality was found.

99-28-32B: An adult, female Canada goose, with a gross weight of 3254 grams. Pathology similar to above.

A slight garlic-like odor was present from the alimentary canal contents.

The brains, liver, and ingesta were taken for toxicology.

Toxicology (See attached laboratory report from the (Illinois Department of Agriculture, Bureau of Animal Disease Laboratory, Centralia, Illinois): The alimentary canal contents were tested and found to be positive for Phosphine.

Diagnosis: Birds killed by Phosphine produced from Zinc or Aluminum Phosphide.

ISB rec'd
12/14/99

Comments: The bait of bread, corn, and blue pellets (#99-28-33) was interesting in that it contained no Phosphine-producing pesticide, but instead, the blue pellets contained the anticoagulant rodenticide Brodifacoum. Both the Phosphides and Brodifacoum are rodenticides. The poison being in the bread, corn, pellet bait suggests someone was purposely trying to kill the geese.

Wanda L. Stine
Wildlife Pathologist

Attachment(s)

WBS:rd

cc: D. Brassard (USEPA)
B. Rattner (Patuxent)
G. Cole
B. Swift
L. Skinner
Toxicant Cases Binder



Illinois
Department of
Agriculture

Bureau of Animal Disease Laboratory

NECROPSY
FILE

ANIMAL DISEASE LABORATORY
9732 SHATTUC ROAD
CENTRALIA, ILLINOIS 62801

TOXICOLOGY DEPARTMENT REPORT

VETERINARIAN

NEW YORK WILDLIFE
108 GAME FARM RD
DELMAR NY 12054

OWNER

NEW YORK WILDLIFE 99-28-33

ACCESSION
NUMBER: 2000000913

DATE
REPORTED: 07/29/1999

DATE
RECEIVED: 07/15/1999

SPECIMEN

RECEIVED: BLUE PELLETS 99-28-33

TEST

REQUESTED: SCREEN

RESULTS:

PHOSPHINE - NEGATIVE

BRODIFACOUM - 12.2 PPM

OTHER ANTICOAGULANTS AND CARBAMATES - NONE DETECTED

SPECIES:

THE FOLLOWING TOXINS ARE INCLUDED IN THE ANTICOAGULANT SCREEN

Fumarin
Racumin
Warfarin
Coumachlor
Difenacoum
Brodifacoum
Diphacinone
Pindone

Valone
Chlorophacinone
Bromadiolone
4-OH Warfarin
6-OH Warfarin
7-OH Warfarin
8-OH Warfarin
Difethialone

CHEMIST

APPROVED

LABORATORY

SUPERVISOR

[Signature]
[Signature]
[Signature]

J. D. REYNOLDS

PLEASE NOTIFY OWNER OF THESE RESULTS WITHOUT DELAY



Illinois
Department of
Agriculture

Bureau of Animal Disease Laboratory

ANIMAL DISEASE LABORATORY
9732 SHATTUC ROAD
CENTRALIA, ILLINOIS 62801

TOXICOLOGY DEPARTMENT REPORT

VETERINARIAN

OWNER

NEW YORK WILDLIFE
108 GAME FARM RD
DELMAR NY 12054

NEW YORK WILDLIFE 99-28-32A

ACCESSION
NUMBER: 2000000911

DATE
REPORTED: 07/29/1999

DATE
RECEIVED: 07/15/1999

SPECIMEN

SPECIES:

RECEIVED: CANADIAN GOOSE GIZZARD AND INTESTINAL CTS 99-28-32A

TEST

REQUESTED: SCREEN

RESULTS:

PHOSPHINE - POSITIVE

CARBAMATES, ORGANOPHOSPHATES AND CHLORINATED HYDROCARBONS -
NONE DETECTED

ANTICOAGULANTS - NONE DETECTED

CHEMIST

APPROVED

LABORATORY

SUPERVISOR

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TOXICOLOGY DEPARTMENT REPORT

VETERINARIAN

OWNER

NEW YORK WILDLIFE
108 GAME FARM RD
DELMAR NY 12054

NEW YORK WILDLIFE 99-28-32B

ACCESSION
NUMBER: 2000000912

DATE
REPORTED: 07/29/1999

DATE
RECEIVED: 07/15/1999

SPECIMEN
RECEIVED: CANADIAN GOOSE GIZZARD CONTENTS 99-28-32B
TEST
REQUESTED: SCREEN
RESULTS:

SPECIES:

PHOSPHINE - POSITIVE

CARBAMATES, ORGANOPHOSPHATES AND CHLORINATED HYDROCARBONS - NONE
DETECTED

ANTICOAGULANTS - NONE DETECTED

CHEMIST

APPROVED

LABORATORY

SUPERVISOR J. D. REYNOLDS

PLEASE NOTIFY OWNER OF THESE RESULTS WITHOUT DELAY

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END